WO 2004/052102 PCT/US2003/039036

WE CLAIM:

1. A synergistic composition comprising a first composition represented by formula III or formula IIIa

and a second composition ii) selected from a), b), c), d), or e) below, wherein

a) is

- b) is chlorothalonil, copper hydroxide, copper oxychloride, folpet, captan, fluazinam, cyazofamid, ethaboxam, cymoxanil, dimethomorph, iprovalicarb, benthivalicarb, fosetyl-Al/phosphonic acid, propamocarb, an epimeric and diastereoisomeric form of dipeptide fungicide, or a N-sulfonylvaline amide, or a combination thereof;
- c) is a mitochondrial Qo-site inhibitor;
- d) is an acylalanine; and

WO 2004/052102 PCT/US2003/039036

- e) is an alkylenebis(dithiocarbamate).
- 2. The composition of Claim 1 wherein c) is a strobilurin, dihydroimidazolone, or oxazolidinedione fungicide.
- 3. The composition of Claim 1 wherein c) is azoxystrobin, picoxystrobin, trifloxystrobin, pyraclostrobin, kresoxim-methyl, metominostrobin, fluoxastrobin, enestroburin, fenamidone and famoxadone, or combination thereof.
- 4. The composition of Claim 1 wherein d) is furalaxyl, metalaxyl, mefenoxam (also known as metalaxyl-M) benalaxyl, ofurace or oxadixyl.
- 5. The composition of Claim 1 wherein e) is mancopper, mancozeb, maneb, metiram, nabam, propineb, or zineb.
- 6. The composition of Claim 1 wherein the second composition ii) is a); and the synergistic composition additionally comprises mancozeb, cymoxanil, dimethomorph, copper oxychloride, fosetyl-Al, folpet, or mefenoxam.
- 7. A synergistic composition comprising a disease inhibiting and phytologically acceptable amount of a synergistic composition according to Claim 1 or Claim 6 and at least one additional pesticidal compound selected from the group consisting of fungicides, insecticides, nematocides, miticides, arthropodicides, and bactericides.

WO 2004/052102 PCT/US2003/039036

8. A process to control or prevent a fungal attack said process comprising applying to a locus a fungicidal amount of a synergistic composition according to Claim 1 or Claim 6.